

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-41
Relating to Certification of New Motor Vehicles

ISUZU MOTORS LIMITED

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1985 model-year Isuzu Motors Limited exhaust emission control systems are certified as described below for diesel-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FSZ137K6JBD3	137 (2.2)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle models, transmissions and engine codes are listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles".

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>	<u>Particulates Grams per Mile</u>
0-3999	0.46	10.6	1.0	0.4

The following are the certification emission values for this engine family:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>	<u>Particulates Grams per Mile</u>
0-3999	0.36	1.4	0.9	0.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 7th day of August, 1984.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer Isuzu Motors Limited Executive Order No. A-20-41
Engine Family FSZ137K6JBD3 Evaporative Family NA
Engine CID (Liters) 137(2.2)

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
EEC-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
EI-Electronic Ignition	CL-Closed Loop	DID-Diesel Injection-Direct
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection-Prechamber
VA-Vacuum Advance	EM-Engine Modification	EFI-Electronic Fuel Injection
VR-Vacuum Retard	OC-Oxidation Catalyst System	IC - Intercooler
	TOC-Trap Oxidizer Continual	MFI-Mechanical Fuel Injection
	TOP-Trap Oxidizer Periodical	TC-Turbocharged
	TR-Thermal Reactor	
	TWC-Three-Way Catalyst System	

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
-Variable Venturi

VEHICLE MODELS:

Isuzu P'UP

KD-1M: Pick-up 2WD (Short Wheel Base)
KD-2M: Pick-up 2WD (Long Wheel Base)
KD-4M: Pick-up 4WD (Short Wheel Base)
KD-5M: Pick-up 4WD (Long Wheel Base)

DRIVE SYSTEM: Front Engine/ Rear & 4 -Wheel Drive

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium-Duty Vehicles ☐ Gas ☒ Diesel

Manufacturer Isuzu Motors Limited E.O. #A -20-41

Engine Family FSZ137K6JBD3 CID (liter) - Type 137(2.2)-L4

ECS (Special Features) EGR (DIP)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Injection Pump Part No.	EGR Valve Part No.	Label Ident. Part No.
KBD-1	KD-1M	M-5	3,000	NA	8941149240	8941156680	8941601830
	KD-2M		3,125				
	KD-4M	M-4	3,250				
	KD-5M		3,375				
KBD-2	KD-1M	A-3	3,000		8941104220		
	KD-2M		3,125				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -

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